



Abhishek Chawala

PG (II Year I Semester)
M. Tech. in Dam Safety and Rehabilitation
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Registration No: 22563001/2024



Area of Interest

CIVIL ENGINEERING , BUSINESS ANALYST

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2023	M.Tech. 1st Year	Indian Institute of Technology, Roorkee	7.143
2020	Graduate (UG)	INDIAN INSTITUTE OF TECHNOLOGY BANARAS HINDU UNIVERSITY VARANASI	7.410
2015	Intermediate (Class XII)	JAWAHAR NAVODAYA VIDHAYALA HURDA RAJASTHAN	79.20 %
2013	Matriculate (Class X)	JAWAHAR NAVODAYA VIDHAYALA HURDA RAJASTHAN	8.800

Experience

GRADUATE ENGINEER TRAINEE | BHARAT PETROLEUM CORPORATION LIMITED

July 2021 - June 2022

- **Analyzing data of sales** to identify trends, patterns, and insights of a particular area to open new retail outlets in that particular area.
- **Streamlining supply chain processes , optimizing distribution networks** , or improving efficiency in refining operations.
- Communicate complex technical information to other stakeholders and ensure that the optimistic solutions align with the overall business strategy.
- **Group discussions** with the owner of different RO amongst peers to develop an interactive learning process.
- Monitoring of **maintenance-related jobs** at Retail Outlets of **BPCL**.
- Monitoring of **electronic systems** placed at Retail Outlets of **BPCL**.
- Monitoring of Construction/Upgradations jobs at Retail outlets of **BPCL**.
- FMS (Facility Management System).
- Safety Guidelines & Practices at Retail Outlets.
- Conducting research and travelling to sites.

Internships

SUMMER INTERNSHIP | BHARAT PETROLEUM CORPORATION LIMITED

May 2023 - July 2023

- Understanding project requirements regarding business development and completing all duties assigned by the Territory Manager.
- Shadowing senior staff members, asking questions, and assisting wherever possible in the marketing .
- Exposed to various activities associated with the assigned project on Basic Study and Report on the Construction and Maintenance of Retail Outlets of Bharat Petroleum Corporation Limited.

SUMMER INTERNSHIP | CPWD VARANASI (UTTAR PRADESH)

May 2019 - June 2019

- Quality control of civil works at various construction sites in the BHU campus.
- **Data Analysis** of construction material at different sites in IIT BHU Campus.
- Estimation of various building materials.
- Studies and implementation of CPWD Specifications, DSR, etc.
- Quality control and site visits at various construction sites in Varanasi.

Projects

CARBONATION OF CEMENT CONCRETE AND REINFORCED CEMENT CONCRETE | INDIAN INSTITUTE OF TECHNOLOGY BANARAS HINDU UNIVERSITY VARANASI

July 2019 - June 2020

- Experimental investigations of DEPTH OF CARBONATION of cement concrete and reinforced cement concrete by using phenolphthalein indicator test , FTIR and XRDA .
- Investigation of change in COMPRESSIVE STRENGTH of **cement concrete and reinforced cement concrete after carbonation

DESIGN AND INNOVATION HUB (DIH) PROJECT | INDIAN INSTITUTE OF TECHNOLOGY BANARAS HINDU UNIVERSITY VARANASI

June 2018 - July 2018

- Optimizing the use of recycled materials in fresh building material of cement concrete to achieve a specific strength, such as M25, involves careful consideration of the types and proportions of recycled materials, as well as their impact on the overall properties of the concrete.
- Optimizing the use of stone dust in the sand to achieve a specific strength of fresh building material, such as M25, requires thoughtful examination of the varieties and ratios of stone dust, alongside evaluating how their influence modifies the overall characteristics of the concrete.

Awards / Scholarships / Academic Achievements

- Secured 2nd position in the IMPACTO organised by SHILP 2016 ,the technical fest of IIT BHU.
- JAWAHAR NAVODAYA VIDHYALAYA SAMITI (JNVST) JULY 2011- APRIL 2015 Cleared JNVST(Jawahar Navodaya Vidyalaya Selection Test) Studied in Jawahar Navodaya Vidyalaya A System of Alternate schools run by Government of India with total fee weiver.
- Secured 1st position in the DOWN THE HILL organised by SHILP 2016 ,the technical fest of IIT BHU.
- Selected for the 2nd batch of OIL INDIA SUPER 30 JODHPUR CENTRE. Selected for Free Residential Coaching for IIT/JEE under the Academic guidance of Mr. ABHYANAND ,IPS and founder of SUPER 30 Patna.
- Secured 2nd position in Kabaddi in the INTER DEPARTMENT TOURNAMENT at IIT BHU in 2018
- Appreciation letter and goodies from Punjab National Bank for clearing JEE-ADVANCED 2106.
- RUNNER of CLUSTER LEVEL KABADDI MEET 2014-2015 at JNVS
- 1.WINNER at REGIONAL LEVEL KABADDI MEET 2014-2015 in jaipur region at JNVS.

Skills

Computer languages	C , PYTHON
Software Packages	MICROSOFT EXCEL , SAS (STATISTICAL ANALYSIS SYSTEM) ,AUTOCAD 2D
Languages Known	ENGLISH , HINDI , SANSKRIT

Positions of Responsibility & Extra Curriculars

PARTICIPANT | SHILP (CIVIL ENGINEERING DEPARTMENT IIT BHU)

August 2016

- Participate in the ENVIRO event and present the solution of how to reduce the concentration of CO2 emissions from industries.